

Diploneis Ehrenb.

- D. bombus* (Ehrenb.) Cleve—Agar, M.
D. campylo-discus Grun. (*Cocconeis caelata* Arnott)—Lyll Bay, P.
D. constricta (Grun.) Cleve—Bruce's Rocks, Dunedin, W2.
D. crabro Ehrenb. var. *crabro* (*Navicula crabro* Ehrenb.)—Waitarere Beach, CC; Lyll Bay, P; Anderson's Bay, Dunedin, W2; Foveaux Strait, P.
D. crabro Ehrenb. var. *pandura* (de Bréb.) Cleve (*Navicula pandura* de Bréb.)—Hauraki Gulf, CW2; Bruce's Rocks, Dunedin, W2; Portobello, W2.
D. fusca (Greg.) Cleve (*Navicula fusca* (Greg.) Perag.)—Anderson's Bay, Dunedin, W2; Foveaux Strait, P.
D. gemmata (Grev.) Cleve (*Navicula gemmata* Grev.)—Foveaux Strait, P.
D. entodon Ehrenb.—Foveaux Strait, P.
D. graeffii (Grun.) Cleve (*Navicula graeffii* Grun.)—Lyll Bay, P.
D. incurvata (Greg.) Cleve (*Navicula incurvata* Greg.)—Foveaux Strait, P.
D. interrupta (Kütz.) Cleve (*Navicula interrupta* Kütz. var. *novae seelandiae* A. Schmidt)—Auckland, Grunow (record from Cleve (1894)).
D. littoralis (Donk.) Cleve (*Navicula ovulum* Grun.)—Lyll Bay, P.
D. mediterranea (Grun.) Cleve (*Navicula gemmata* Grev. var. *mediterranea* Grun.)—Foveaux Strait, P.
D. nitescens (Greg.) Cleve (*Navicula nitescens* Greg.)—Foveaux Strait, P.
D. notabilis (Grev.) Cleve (*Navicula notabilis* Grev.)—Foveaux Strait, P.
†*D. smithii* (de Bréb.) Cleve var. *smithii* (*Navicula smithii* de Bréb.)—Lyll Bay, P; Portobello, W2; Evansdale, W2; Foveaux Strait, P.
D. smithii (de Bréb.) Cleve var. *minor* (Petit) Taylor²⁴ (*Navicula smithii* de Bréb var. *minor* Petit)—Lyll Bay, P, (TYPE).
D. smithii (de Bréb.) Cleve var. *rhombica* Mereschowsky—Waitati, W2.
D. splendida (Greg.) Cleve (*Navicula splendida* Greg.)—Foveaux Strait, P.
D. weissflogii (A. Schmidt) Cleve (*Navicula weissflogii* A. Schmidt)—Auckland Harbour, CW2; Lyll Bay, P; Foveaux Strait, P.

Frustulia Agardh

- F. weinholdii* Hust. ex A. Schmidt—Evansdale, W2.

Gyrosigma Hass.²⁵

- G. balticum* (Ehrenb.) Cleve (*Pleurosigma balticum* (Ehrenb.) W. Sm.)—Hauraki Gulf, CW1, C1; Bay of Plenty, C2; Castle Point, C1; Wellington Harbour, C1.
G. distortum (W. Sm.) Cleve var. *parkerii* (Harv.) Cleve (*Pleurosigma parkerii* Harv.)—St. Leonards, W2.
G. hippocampus (Ehrenb.) Hass. (*Pleurosigma hippocampus* (Ehrenb.) W. Sm.)—Anderson's Bay, W2.

Mastogloia Thwaites ex W. Smith²⁶

- M. binotata* (Grun.) Cleve—Agar, M.
M. exigua Lewis—Lyll Bay, P.
M. marginulata Grun.—New Zealand, Grunow (1868).
M. rhombus (Petit) Cleve & Grove (*Navicula rhombus* Petit)—Foveaux Strait, P, (TYPE).
†*M. smithii* Thwaites ex W. Sm.—Evansdale, W2.
M. wrightii (O'Meara) Cleve (*Cocconeis wrightii* O'Meara)—Lyll Bay, P; Agar, M.

Navicula Bory²⁷

- N. approximata* Grev. forma *manca* (A. Schmidt) Hust. (*N. hennedyi* W. Sm. forma *manca* A. Schmidt)—Smith's Bay, Otago Harbour, W2.
N. atlantica A. Schmidt (*N. lyra* Ehrenb. var. *atlantica* (A. Schmidt) Cleve)—Lyll Bay, P.